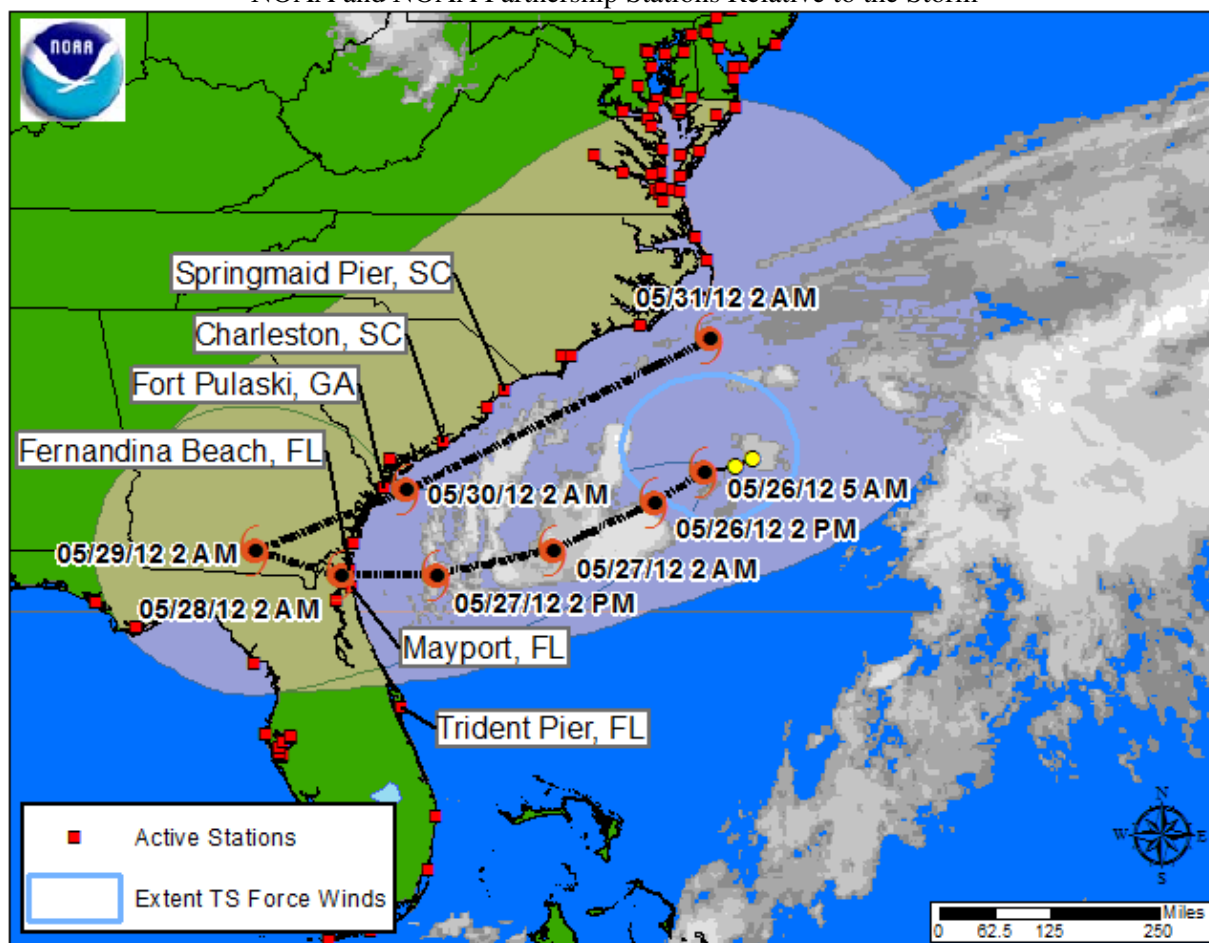


Subtropical Storm BERYL QuickLook
Posted: 06:00 EDT 05/26/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/26/2012 06:00 EDT, water levels from South Carolina to central Florida are slightly elevated and are measuring about 0.5 feet above tidal predictions. Winds are light and steady, with gusts of 15 knots or less. Barometric pressure is steady across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Springmaid Pier, SC: Next predicted high tides are 4.3 ft (1.31 m) at 05/26/2012 12:02 EDT and 5.1 ft (1.57 m) at 05/27/2012 00:06 EDT.

Charleston, SC: Next predicted high tides are 4.6 ft (1.39 m) at 05/26/2012 12:17 EDT and 5.5 ft (1.68 m) at 05/27/2012 00:25 EDT.

Subtropical Storm BERYL QuickLook, POSTED 06:00 EDT 05/26/2012

Fort Pulaski, GA: Next predicted high tides are 6.1 ft (1.85 m) at 05/26/2012 12:32 EDT and 7.0 ft (2.17 m) at 05/27/2012 00:46 EDT.

Fernandina Beach, FL: Next predicted high tides are 5.3 ft (1.63 m) at 05/26/2012 13:17 EDT and 6.1 ft (1.88 m) at 05/27/2012 01:32 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.1 ft (1.26 m) at 05/26/2012 13:01 EDT and 4.7 ft (1.44 m) at 05/27/2012 01:14 EDT.

Trident Pier, FL: Next predicted high tides are 2.8 ft (0.85 m) at 05/26/2012 12:15 EDT and 3.5 ft (1.09 m) at 05/27/2012 00:33 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

SUBTROPICAL STORM BERYL ADVISORY NUMBER 2

NWS NATIONAL HURRICANE CENTER MIAMI FL

500 AM EDT SAT MAY 26 2012

...BERYL MOVING WEST SOUTHWESTWARD...TROPICAL STORM CONDITIONS EXPECTED IN THE WARNING AREA ON SUNDAY...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* VOLUSIA/BREVARD COUNTY LINE FLORIDA TO EDISTO BEACH SOUTH CAROLINA

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* NORTH OF EDISTO BEACH TO SOUTH SANTEE RIVER SOUTH CAROLINA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 AM EDT THE CENTER OF SUBTROPICAL STORM BERYL WAS LOCATED ABOUT 180 MI SE OF CAPE FEAR NORTH CAROLINA AND ABOUT 260 MI E OF CHARLESTON SOUTH CAROLINA. BERYL IS MOVING TOWARD THE WEST-SOUTHWEST NEAR 5 MPH. A WEST-SOUTHWEST OR SOUTHWEST MOTION WITH AN INCREASE IN FORWARD SPEED IS EXPECTED THROUGH SUNDAY...WITH A TURN TOWARD THE WEST EXPECTED ON SUNDAY NIGHT. ON THE FORECAST TRACK THE CENTER OF BERYL WILL APPROACH THE COAST IN THE WARNING AREA ON SUNDAY.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 45 MPH WITH HIGHER GUSTS. A LITTLE STRENGTHENING IS POSSIBLE DURING THE NEXT DAY OR SO.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1001 MB...29.56 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH THE COAST WITHIN THE WARNING AREA FROM NORTHEAST FLORIDA TO SOUTH CAROLINA ON SUNDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREA ALONG THE CENTRAL SOUTH CAROLINA COAST LATE TONIGHT OR SUNDAY.

STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

COASTAL PORTIONS OF SOUTH CAROLINA...GEORGIA...AND NORTH FLORIDA... 1 TO 3 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTH OF THE LANDFALL LOCATION...WHERE THE SURGE WILL BE ACCOMPANIED BY LARGE WAVES. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...BERYL IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ALONG THE SOUTHEASTERN COAST OF THE UNITED STATES FROM NORTHEASTERN FLORIDA THROUGH SOUTHEASTERN NORTH CAROLINA.

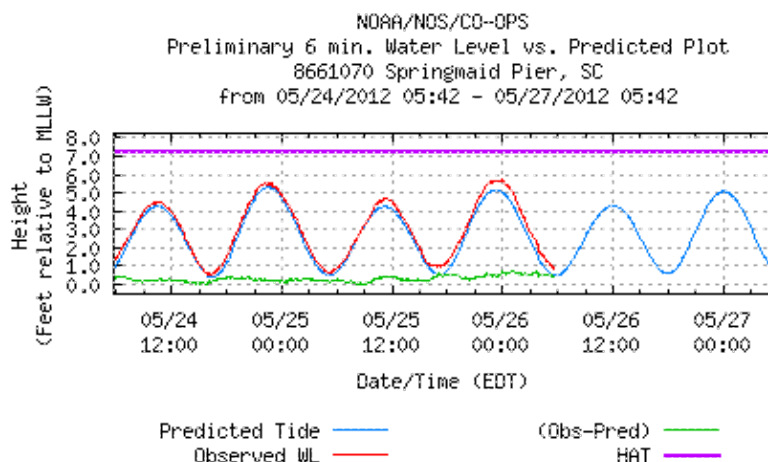
SURF...DANGEROUS SURF CONDITIONS ARE POSSIBLE ALONG THE NORTHEAST FLORIDA...GEORGIA...SOUTH CAROLINA...AND CENTRAL AND SOUTHERN NORTH CAROLINA COASTS OVER THE MEMORIAL DAY WEEKEND. PLEASE SEE STATEMENTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE FOR INFORMATION SPECIFIC TO YOUR AREA.

FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#),

[Springmaid Pier, SC - Return to List](#)

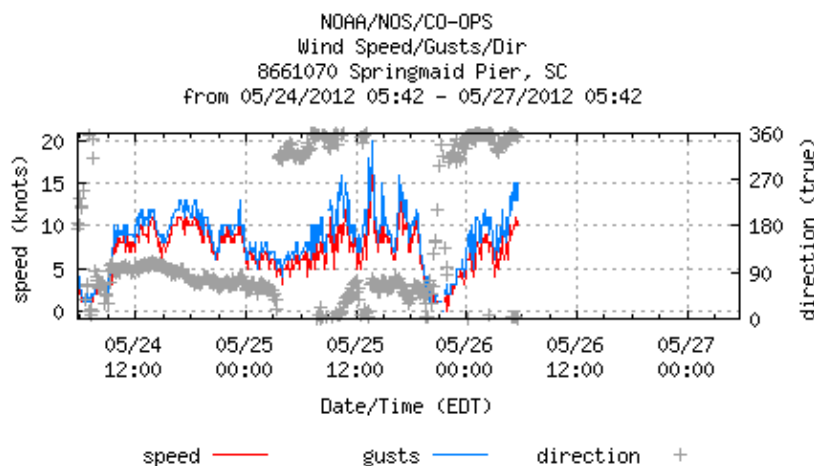


Last Observed Sample: 05/26/2012 05:36 (EDT)

Relative to MLLW: **Observed: 0.88 ft.** **Predicted: 0.50 ft.** **Residual: 0.38 ft.**

Historical Maximum Water Level: Jan 1 1987, 3.65 ft. above MHHW

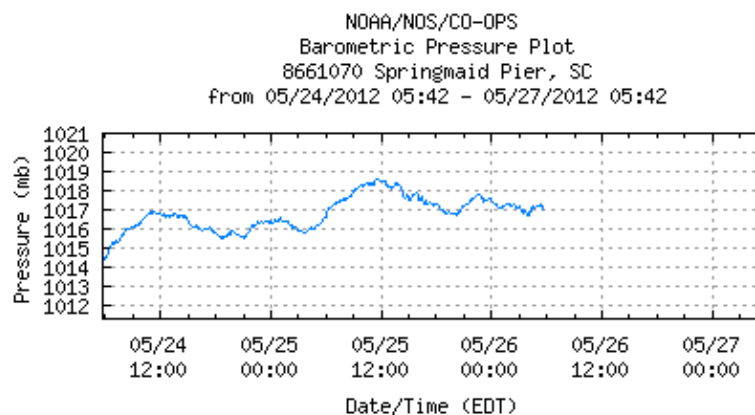
[Springmaid Pier, SC - Return to List](#)



Last Observed Sample: 05/26/2012 05:36 (EDT)

Wind Speed: 10 knots **Gusts: 15 knots** **Direction: 1° T**

Springmaid Pier, SC - Return to List

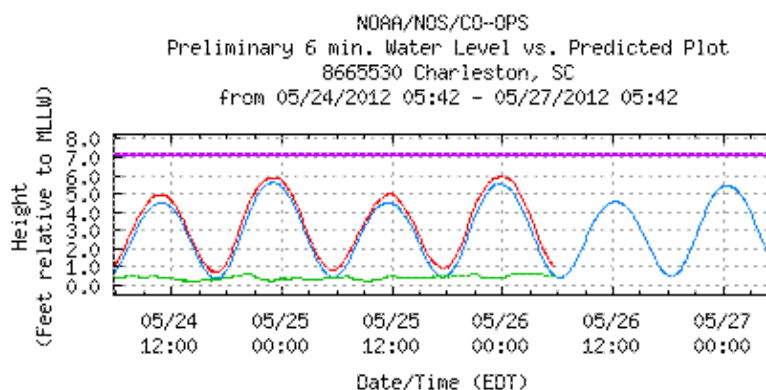


barometric pressure —

Last Observed Sample: 05/26/2012 05:36 (EDT)

Barometric Pressure: 1017.0 mb

Charleston, SC - Return to List



Predicted Tide —

(Obs-Pred) —

Observed WL —

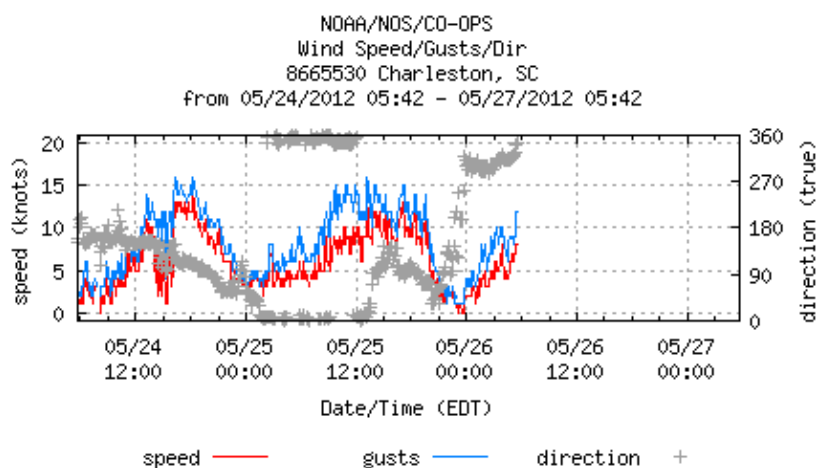
HAT —

Last Observed Sample: 05/26/2012 05:30 (EDT)

Relative to MLLW: **Observed: 1.09 ft.** **Predicted: 0.60 ft.** **Residual: 0.49 ft.**

Historical Maximum Water Level: Sep 21 1989, 6.76 ft. above MHHW

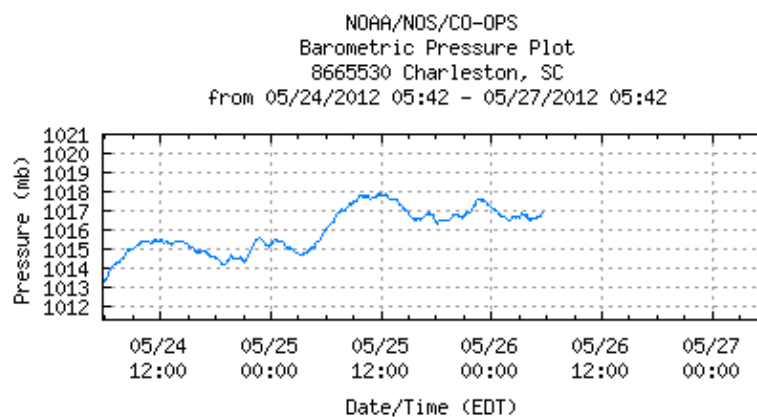
[Charleston, SC - Return to List](#)



Last Observed Sample: 05/26/2012 05:30 (EDT)

Wind Speed: 8 knots Gusts: 12 knots Direction: 345° T

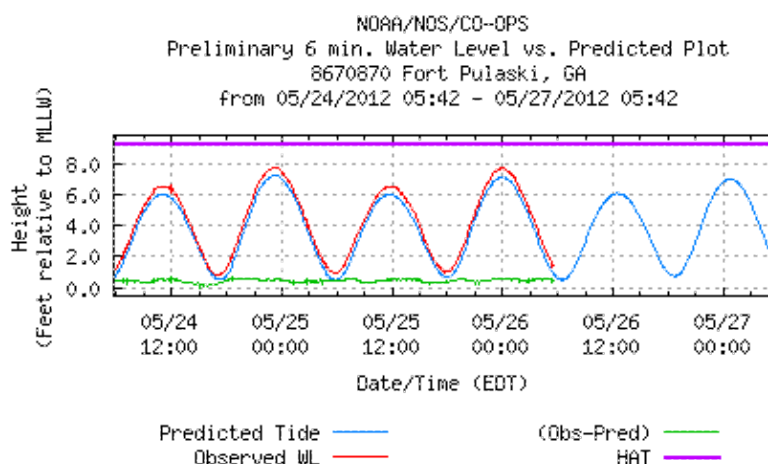
[Charleston, SC - Return to List](#)



Last Observed Sample: 05/26/2012 05:30 (EDT)

Barometric Pressure: 1016.9 mb

Fort Pulaski, GA - Return to List

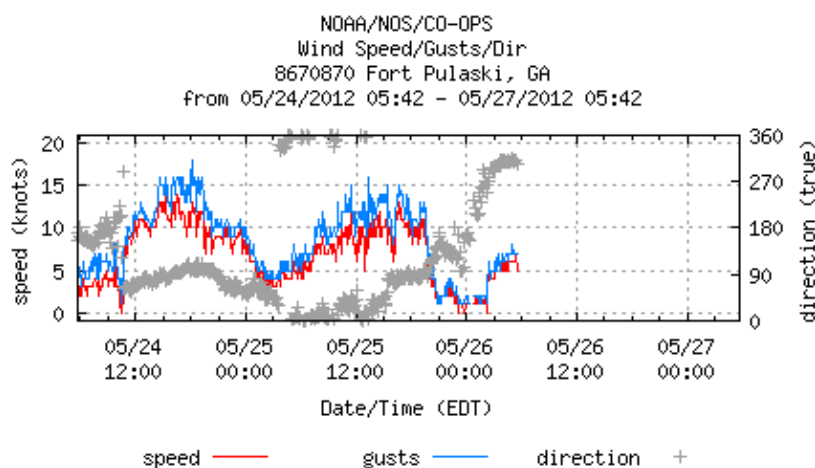


Last Observed Sample: 05/26/2012 05:30 (EDT)

Relative to MLLW: **Observed: 1.45 ft.** **Predicted: 0.95 ft.** **Residual: 0.50 ft.**

Historical Maximum Water Level: Oct 15 1947, 3.4 ft. above MHHW

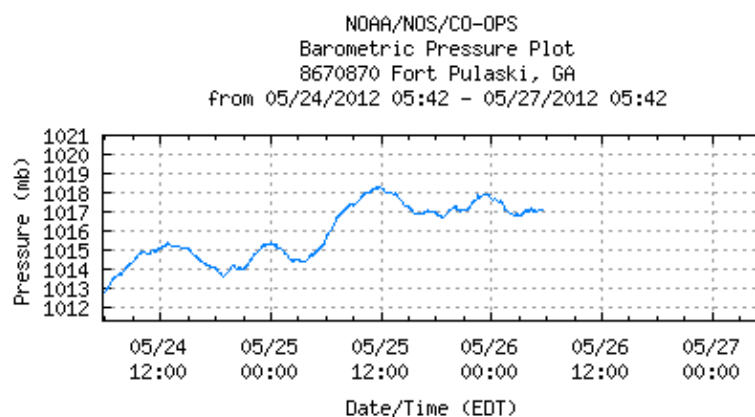
Fort Pulaski, GA - Return to List



Last Observed Sample: 05/26/2012 05:30 (EDT)

Wind Speed: 5 knots **Gusts: 7 knots** **Direction: 306° T**

Fort Pulaski, GA - Return to List

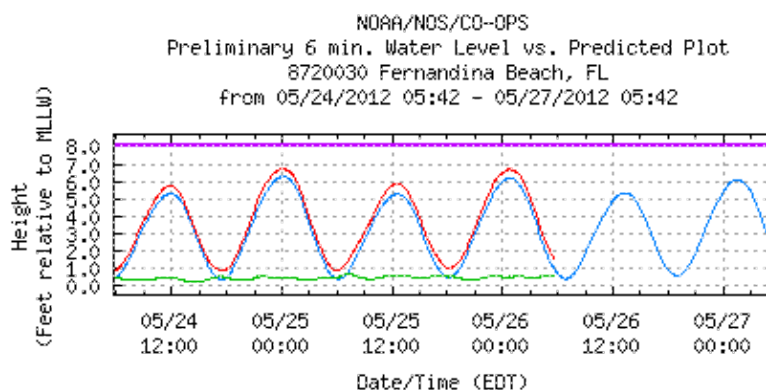


barometric pressure —

Last Observed Sample: 05/26/2012 05:30 (EDT)

Barometric Pressure: 1017.1 mb

Fernandina Beach, FL - Return to List



Predicted Tide —

(Obs-Pred) —

Observed WL —

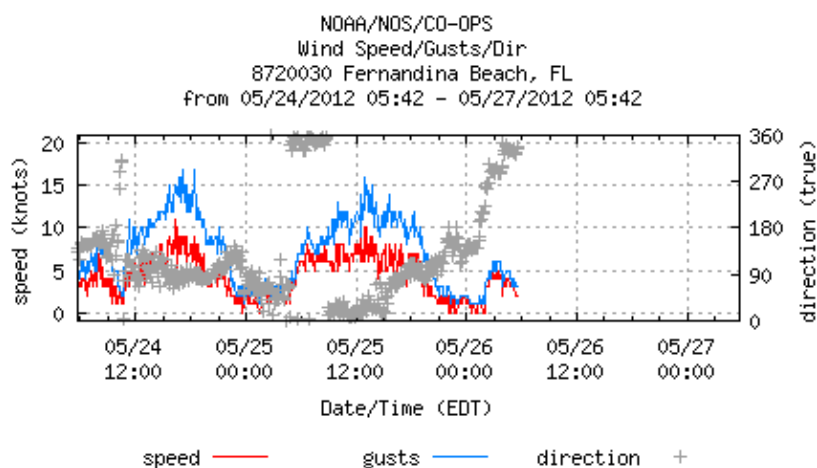
HAT —

Last Observed Sample: 05/26/2012 05:36 (EDT)

Relative to MLLW: **Observed: 1.56 ft.** **Predicted: 0.98 ft.** **Residual: 0.58 ft.**

Historical Maximum Water Level: Oct 2 1898, 6.94 ft. above MHHW

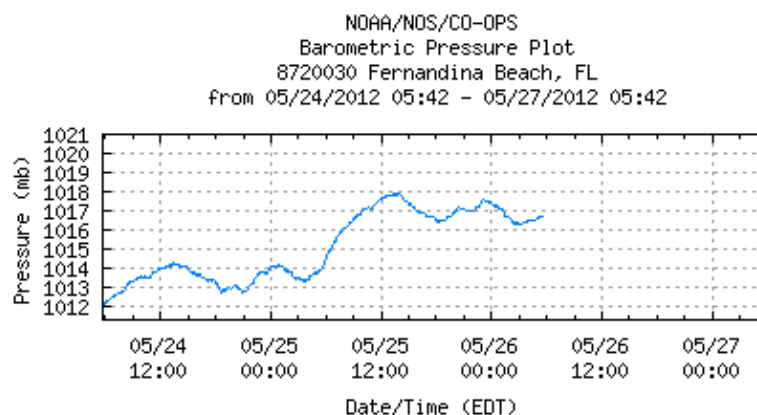
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 05/26/2012 05:36 (EDT)

Wind Speed: 2 knots Gusts: 3 knots Direction: 334° T

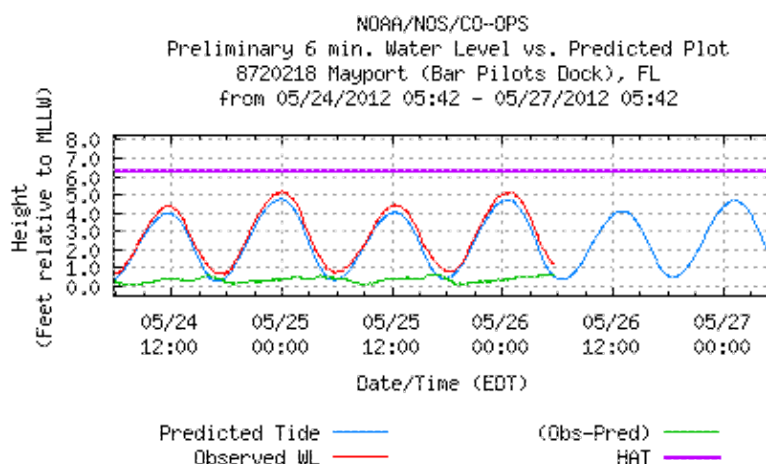
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 05/26/2012 05:36 (EDT)

Barometric Pressure: 1016.7 mb

Mayport (Bar Pilots Dock), FL - Return to List

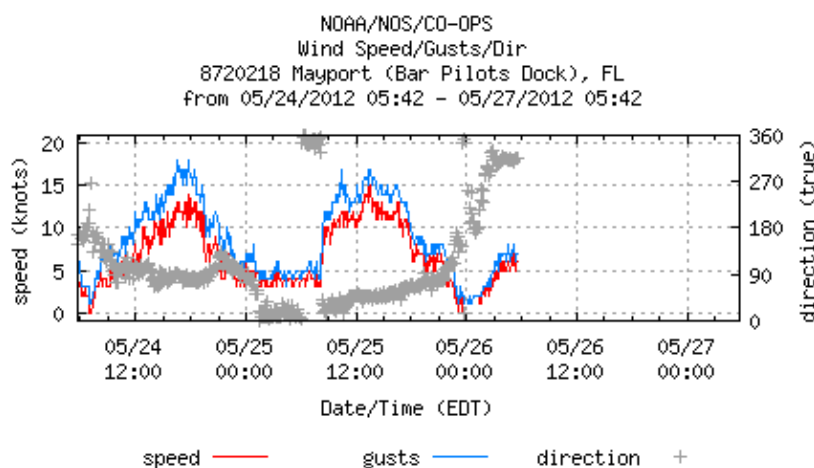


Last Observed Sample: 05/26/2012 05:30 (EDT)

Relative to MLLW: **Observed: 1.20 ft.** **Predicted: 0.59 ft.** **Residual: 0.61 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

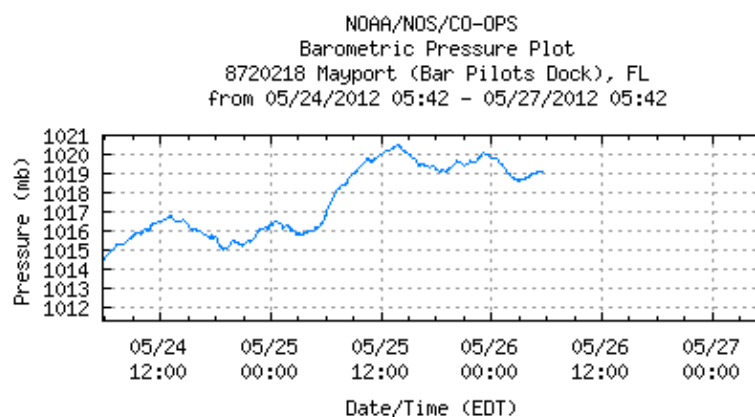
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 05/26/2012 05:36 (EDT)

Wind Speed: 6 knots **Gusts: 7 knots** **Direction: 314° T**

Mayport (Bar Pilots Dock), FL - Return to List

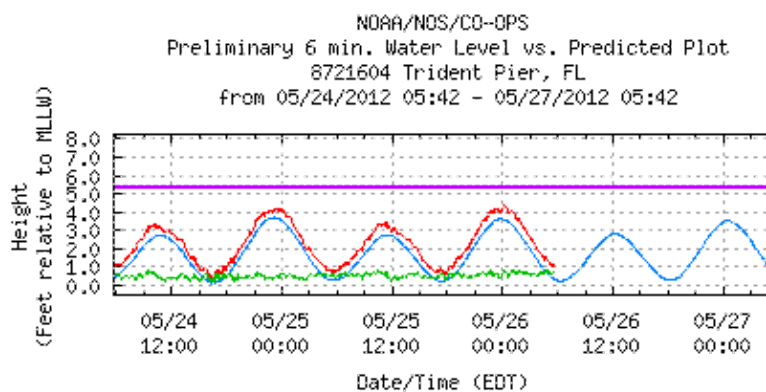


barometric pressure —

Last Observed Sample: 05/26/2012 05:36 (EDT)

Barometric Pressure: 1019.1 mb

Trident Pier, FL - Return to List



Predicted Tide —

(Obs-Pred) —

Observed WL —

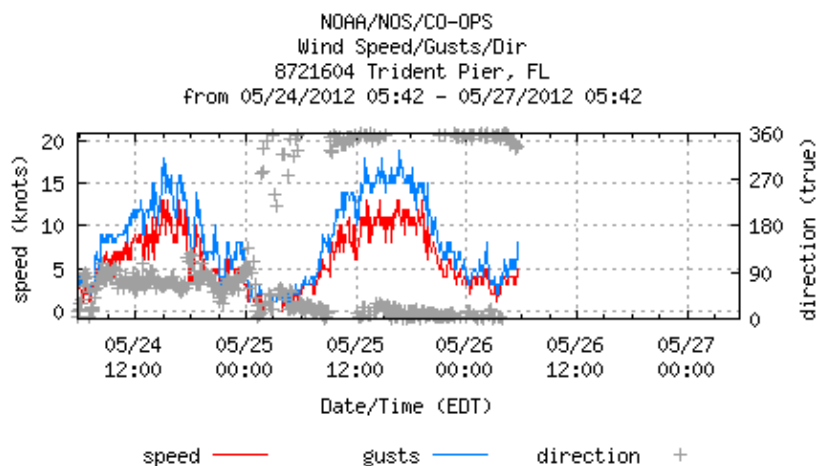
HAT —

Last Observed Sample: 05/26/2012 05:36 (EDT)

Relative to MLLW: **Observed: 1.04 ft.** **Predicted: 0.34 ft.** **Residual: 0.70 ft.**

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

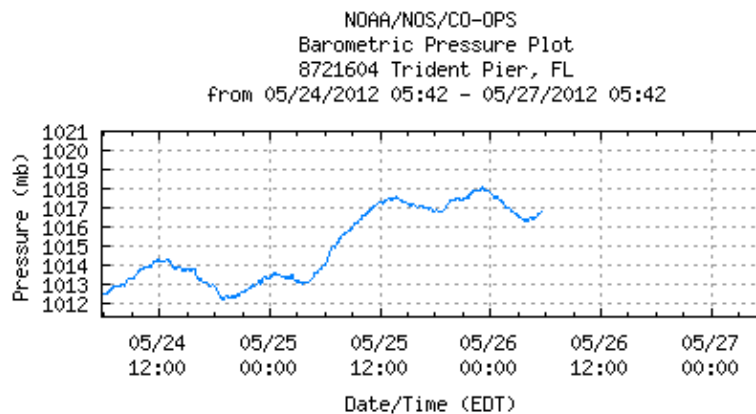
Trident Pier, FL - Return to List



Last Observed Sample: 05/26/2012 05:36 (EDT)

Wind Speed: 5 knots Gusts: 8 knots Direction: 334° T

Trident Pier, FL - Return to List



Last Observed Sample: 05/26/2012 05:36 (EDT)

Barometric Pressure: 1016.8 mb

Subtropical Storm BERYL QuickLook, POSTED 06:00 EDT 05/26/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce